

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):

Lieberman et al.

Serial No.:

10/674,284

For:

Flow Control Element for Use with Leak-Proof Cup Assemblies

Filed:

September 29, 2003

Examiner:

Not Yet Assigned

Art Unit:

3727

Confirmation No.:

3114

Customer No.:

27623

Attorney Docket No.:

460.1882USQ3

Date: May 21, 2004

## **INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

In accordance with applicants' duty of disclosure under 37 C.F.R. §1.56, we are enclosing form PTO-1449 listing information that may be material to the patentability of this application.

Pursuant to the waiving of the requirement of 37 CFR 1.98 (a)(2)(i), copies of the references cited in the enclosed form PTO-1449 are not enclosed.

It is applicants' belief that none of the citations listed in the enclosed form PTO-1449 describe that which is claimed in the present invention.

It should be understood that attention has been called to the citations that have been deemed to be pertinent to the claimed present invention. In concluding what was pertinent, the criteria employed was considered most appropriate in light of the invention shown in the present application. However, the Examiner or others may deem some other criteria to be just as appropriate or more appropriate. Therefore, the Examiner is respectfully urged to review the listed citations and to make the usual careful independent search for other prior art that may be pertinent.

Since this Information Disclosure Statement is being filed prior to the issuance of the first Office Action based on the merits, no petition or fee is required.

Applicants respectfully request favorable consideration and that this application be passed to allowance.

Respectfolly submitted,

Charles N. J. Ruggiero

Reg. No. 28,468

Attorney for Applicant(s)

Ohlandt, Greeley, Ruggiero & Perle, L.L.P.

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Stamford, CT 06901-2682

(203) 327-4500

CUSTOMER NO.: 27623 Sheet \_ 1 of 25 . FORM PTO-1449 Docket Number (Optional) **Application Number** OIPE 460.1882USQ3 10/674,284 INFORMATION DISCLOSURE CITATION Applicant IN AN APPLICATION Lieberman et al. MAY 2 4 2004 Filing Date Group Art Unit (Use several sheets if necessary) September 29, 2003 3727 E TRADEMACH U. S. PATENT DOCUMENTS **EXAMINER** FILING DATE IF INITIAL DOCUMENT DATE NAME **CLASS SUBCLASS APPROPRIATE** NUMBER 4,138 8/1845 Pratt 236,583 1/1881 Hayes 281,608 7/1883 Browne 625,055 5/1899 Painter 721,722 3/1903 Morton 736,694 8/1903 Crane, Jr. 745,477 12/1903 **Bowers** 795,642 7/1905 Nelson 820,987 Perotti 5/1906 858,898 7/1907 **McNutt** 998,052 7/1911 Treiber 1,098,653 6/1914 Whisenant 1,122,868 12/1914 **Davis** 1,206,661 11/1916 Booth 1,280,942 10/1918 Apple 1,360,893 11/1920 Cowie 1,366,727 1/1921 Gerstner 1,431,762 10/1922 Sellers FOREIGN PATENT DOCUMENTS Translation DOCUMENT DATE COUNTRY **CLASS SUBCLASS** YEŞ NO NUMBER OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.) **EXAMINER** DATE CONSIDERED EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Sheet 2 of 25

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	1,458,366	6/1923	Smallwood					
	1,477,261	12/1923	Hart					
	1,509,734	9/1924	Langley					
	1,825,553	9/1931	Smith					
	1,840,190	1/1932	Dyck					
	1,859,397	5/1932	Johnson et a	1.				
	1,989,714 2/1935 Statham					-		
	2,012,113 8/1935 Thompson						,	
	2,023,267 12/1935 Rapt et al.							
	2,063,424 12/1936 Ferguson							
2,107,442 2/1938 Hughes								
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	497999	4/1930	Germany					
- <u>-</u>	66 8247	11/1937	Germany					
	21 37 184	2/1973	Germany					
-142	26 09 310	9/1976	Germany					
	21 28 875	12/1978	Germany					
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	2,122,299	6/1938	Sloan					
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	2,162,455	6/1939	Hoge					
	2,174,361	9/1939	Condon					· · · · · · · · · · · · · · · · · · ·
	2,175,052	10/1939	Bull					,
	2,197,766	4/1940	Mueller					
	2,213,465	9/1940	Gay				<u> </u>	
•	2,223,179	11/1940	Lougheed					
	2,236,031	3/1941	Hall				*,	
	2,321,236	6/1943	Parkin					
	2,372,281 3/1945 Jordan					-		
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	31 18976 A1	12/1982	Germany					
	39 41 668 A1	4/1991	Germany					
	29 500 819	4/1995	Germany					
	29 706 653	8/1997	Germany					
	0232571 A1	8/1987	Europe					
	0257 880 A1	3/1988	Europe					
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	2,414,697	1/1947	Pettersson					
	2,456,989	12/1948	Polcyn					
	2,519,986	8/1950	Trout					
	2,532,729	12/1950	Millstein				<b></b>	
	2,534,614	12/1950	Michael					
<u>.</u>	2,544,464	3/1951	Matthews et	al.				
	2,557,817	6/1951	Dutton					
	2,569,139	9/1951	Abelson					
	2,584,359	2/1952	Miles					<del></del>
	2,608,841	9/1952	Price					
	2,622,420 12/1952 Rio							<del></del>
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	0265125 A1	4/1988	Europe					
	0278 125 A2	8/1988	Europe					
	0326 743 A2	8/1989	Europe		-			
	0382 631 A1	8/1990	Europe					
	0384394 A2	8/1990	Europe					
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Sheet \_ 5 of 25

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	2,623,368	12/1952	Olsen					
	2,623,524	12/1952	Clemens					
	2,628,616	2/1953	Ransom					<del></del>
	2,646,670	7/1953	Spalding et					
	2,655,920	10/1953	Cronin					
	2,688,326	9/1954	Lerman					
	2,715,980	8/1955	Frick					
	2,736,446	2/1956	Raiche					
	2,740,229	4/1956	Wittwer					
	2,745,568	5/1956	Newton					
	2,753,068 7/1956 Robinson							
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	0395 380 A2	10/1990	Europe					
	0160336 B1	3/1992	Europe					
	0555 623 A1	8/1993	Europe					<u> </u>
	0634922 B1	6/1998	Europe					
	996.998	12/1951	France					
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Sheet 6 of 25

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	2,758,755	8/1956	Schafler						
	2,765,639	10/1956	Bryant						
	2,785,841	3/1957	Westgate						
	2,792,696	5/1957	Stayart						
	2,796,062	6/1957	Tupper						
	2,816,548	12/1957	Tupper				<del></del>		
	2,876,772	3/1959	Witz						
	2,950,033 8/1960 Henchert								
	2,989,961	6/1961	Blanchett						
	3,004,566	10/1961	Raimo						
	3,081,006 3/1963 Land								
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	1364891	5/1964	France						
	1437341	3/1966	France		-				
	116872	6/1918	United Kingo	dom					
	460274	1/1937	United Kingo	lom			-		
	1046518	10/1966	United Kingo	lom	<u> </u>				
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Sheet 7 of 25

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	3,085,710	4/1963	McIlroy					
	3,139,064	6/1964	Harle					
	3,140,007	7/1964	Nettleship					
	3,143,429	8/1964	Swanson et	al.				
	3,179,276	4/1965	Safianoff		i			
	3,182,843	5/1965	Foye					
	3,241,726	3/1966	Chester					
	3,273,703	9/1966	Stribley				<del></del>	
	3,275,180	9/1966	Optner et al.				<del></del>	
	3,302,644	2/1967	Kennedy et a	ıl.				
	3,310,193 3/1967 Macpherson							
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	1229426	4/1969	United Kinge	dom				
	1253398	2/1970	United Kinge	lom			- "	
	1447626	8/1976	United Kingo	lom				
	1474620	5/1977	United Kingo	lom				
	2 015 350 A	9/1979	United Kingo	lom				
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Sheet 8 of 25

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	3,342,379	9/1967	Foley					
	3,355,047	11/1967	De Sole					
	3,360,149	12/1967	Roth					
	3,360,161	12/1967	Smith					
	3,366,261	1/1968	Dewey					
	3,372,832 3/1968 Yeater et al							
	3,393,817	7/1968	Meierhoefer		<del></del>			
	3,424,157	1/1969	Di Paolo					
	3,435,987	4/1969	Wittwer				-	
	3,438,257	4/1969	Nichols et al					
	3,438,527 4/1969 Gamblin, Ji							
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	DOCUMENT NUMBER	DATE	(	COUNTRY	CLASS	SUBCLASS	YES	NO
	2 029 379 A	3/1980	United King	dom				
	2053865 A	2/1981	United King	dom				
	2 098 958 A	12/1982	United Kinge	dom				
	2 131 301 A	6/1984	United Kingo	dom				
	2139903 A	11/1984	United Kinge	dom				
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	3,445,042	5/1969	Elmore et al	•				
	3,490,488	1/1970	Grist					
	3,511,407	5/1970	Palma					
	3,635,380	1/1972	Fitzgerald					
	3,650,271	3/1972	Pelli					
	3,669,323 6/1972 Harker et al.							
	3,672,114 6/1972 Sacks							
	3,672,547 6/1972 Kozlowski						-	
	3,674,183 7/1972 Venable et			1.				
	3,704,803 12/1972 Ponder							
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	2166121 A	4/1986	United King	dom				
	2 169 210 A	7/1986	United King	dom				
	2172793A	10/1986	United King	dom				
	2183225 A	6/1987	United King	dom				
	2206106 A	12/1988	United King	dom				
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CUSTOMER NO.: 27623 Sheet 10 of 25 **FORM PTO-1449** Docket Number (Optional) Application Number 460.1882USQ3 10/674,284 INFORMATION DISCLOSURE CITATION Applicant IN AN APPLICATION Lieberman et al.

(Use several sheets if necessary)

September 29, 2003

Group Art Unit

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### 3727 **U. S. PATENT DOCUMENTS EXAMINER** FILING DATE IF INITIAL DOCUMENT DATE NAME **CLASS SUBCLASS** APPROPRIATE NUMBER 3,704,819 12/1972 Lindstrom 3,718,140 Yamauchi 2/1973 3,739,938 Paz 6/1973 3,785,539 1/1974 Wetterek 3,797,696 3/1974 Dibrell 3,817,418 6/1974 Mastrovito 3,833,154 9/1974 Markowitz 3,854,617 **Edwards** 12/1974 3,874,563 4/1975 Schwartzman 3,878,962 4/1975 Holbrook et al. 3,888,373 6/1975 Gach et al. FOREIGN PATENT DOCUMENTS

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2 266 045 A 10/1993 United Kingdom 2 279 130 A 12/1994 United Kingdom 145824 2/1961 Russia

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CUSTOMER NO.: 27623 Sheet <u>11</u> of <u>25</u>. **FORM PTO-1449** Docket Number (Optional) **Application Number** 460.1882USO3 10/674,284 INFORMATION DISCLOSURE CITATION Applicant IN AN APPLICATION Lieberman et al. Filing Date Group Art Unit (Use several sheets if necessary) September 29, 2003 3727 **U. S. PATENT DOCUMENTS EXAMINER** FILING DATE IF INITIAL **DOCUMENT** DATE NAME **CLASS SUBCLASS APPROPRIATE** NUMBER 3,905,512 9/1975 Albert et al. 3,915,331 10/1975 Chenault 3,921,630 **McPhee** 11/1975 3,964,509 6/1976 Daubenberger et al. 3,964,631 6/1976 Albert 4,002,168 1/1977 Petterson 4,005,799 2/1977 Mannaerts 4,051,971 10/1977 Saleri et al. 4,057,177 Laauwe 11/1977 4,083,467 4/1978 Mullins et al. 4,088,166 5/1978 Miller FOREIGN PATENT DOCUMENTS Translation DOCUMENT DATE COUNTRY **CLASS SUBCLASS** YES NO NUMBER WO 93/19718 10/1993 **PCT** WO 94/04023 **PCT** 3/1994 WO 97/08979 **PCT** 3/1997 OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

DATE CONSIDERED

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CUSTOMER NO.: 27623 Sheet <u>12</u> of <u>25</u>. FORM PTO-1449 Docket Number (Optional) **Application Number** 460.1882USQ3 10/674,284 INFORMATION DISCLOSURE CITATION Applicant IN AN APPLICATION Lieberman et al. Filing Date Group Art Unit (Use several sheets if necessary) September 29, 2003 3727 **U. S. PATENT DOCUMENTS EXAMINER** FILING DATE IF INITIAL **DOCUMENT** DATE NAME **CLASS SUBCLASS APPROPRIATE NUMBER** 4,093,096 6/1978 Augros 4,098,434 7/1978 Uhlig 4,121,731 Okerstrum 10/1978 4,133,457 1/1979 Klassen 4,135,513 1/1979 Arisland 4,138,033 2/1979 Payne et al. 4,139,124 2/1979 Ferrante 4,146,157 3/1979 Dixon, Sr. et al. 4,157,144 6/1979 Weiler et al. 4,166,553 9/1979 Fraterrigo 4,171,060 10/1979 Howard et al. FOREIGN PATENT DOCUMENTS Translation DATE DOCUMENT COUNTRY **CLASS SUBCLASS** YES NO NUMBER OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

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	4,184,604	1/1980	Amberg et a	ıl.				
	4,204,604	5/1980	Morin et al.					
	4,238,045	12/1980	D'Andria					
	4,243,156	1/1981	Lobbestael					
·····	4,245,752	1/1981	Prueher					-
	4,303,170	12/1981	Panicci				-	
	4,310,101	1/1982	Sekine					
	4,314,658	2/1982	Laauwe					
	4,340,054	7/1982	Michaels					
	4,350,260	9/1982	Prueher					
	4,356,935 11/1982 Kamin							
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CUSTOMER NO.: 27623 Sheet <u>14</u> of <u>25</u>. FORM PTO-1449 Docket Number (Optional) **Application Number** 460.1882USQ3 10/674,284 INFORMATION DISCLOSURE CITATION Applicant IN AN APPLICATION Lieberman et al. Filing Date Group Art Unit (Use several sheets if necessary) September 29, 2003 3727 U. S. PATENT DOCUMENTS **EXAMINER** FILING DATE IF INITIAL **DOCUMENT** DATE NAME **CLASS SUBCLASS APPROPRIATE** NUMBER 4,361,249 11/1982 Tuneski et al. 4,388,996 6/1983 Panicci 4,401,224 Alonso 8/1983 4,434,810 3/1984 Atkinson 4,441,623 4/1984 Antoniak 4,441,624 4/1984 Sokolowski 4,463,859 8/1984 Greene 4,470,523 9/1984 Spector 4/519,518 5/1985 Wiles et al. 4,519,530 5/1985 Schmidt 4,540,102 9/1985 Wiedmer FOREIGN PATENT DOCUMENTS Translation **DOCUMENT** DATE COUNTRY **CLASS SUBCLASS** YES NO NUMBER OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Sheet \_ 15\_ of \_ 25

FORM PTO-1	449		Docket Number (Optional)		Application Number			
				460.1882USQ3		10/674,284	,	
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	4,545,491	10/1985	Bisgaard et	al.				
	4,565,308	1/1986	Yuhl, Jr.				<del></del>	
	4,574,970	3/1986	Schwarz					
	4,582,214	4/1986	Dart et al.					
	4,591,063	5/1986	Geiger					
	4,596,341	6/1986	Bruffey					
	4,600,111	7/1986	Brown					
	4,607,755	8/1986	Andreozzi					
	4,613,050	9/1986	Atkin et al.					
	4,616,768	10/1986	Flier					
	4,620,648	Schwartzma	ın					
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CUSTOMER NO.: 27623 Sheet 16 of 25. FORM PTO-1449 Docket Number (Optional) Application Number 460.1882USQ3 10/674,284 INFORMATION DISCLOSURE CITATION Applicant IN AN APPLICATION Lieberman et al. Filing Date Group Art Unit (Use several sheets if necessary) September 29, 2003 3727 U. S. PATENT DOCUMENTS **EXAMINER** FILING DATE IF INITIAL DOCUMENT DATE NAME APPROPRIATE **CLASS SUBCLASS** NUMBER 4,638,918 1/1987 Martinez 4,640,424 2/1987 White 4,646,945 3/1987 Steiner et al. 4,660,747 Borg et al. 4/1987 4,685,577 8/1987 Chen 12/1987 4,711,365 Fomby 4,723,668 2/1988 Chen 4,723,688 2/1988 Munoz 4,726,484 2/1988 Lutz 4,728,006 3/1988 Drobish et al. 4,747,519 5/1988 Green et al. FOREIGN PATENT DOCUMENTS Translation **DOCUMENT** DATE COUNTRY **CLASS** SUBCLASS YES NO **NUMBER** OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.) **EXAMINER** DATE CONSIDERED

CUSTOMER NO.: 27623 Sheet 17 of 25. FORM PTO-1449 Docket Number (Optional) **Application Number** 460.1882USQ3 10/674,284 INFORMATION DISCLOSURE CITATION Applicant IN AN APPLICATION Lieberman et al. Filing Date Group Art Unit (Use several sheets if necessary) September 29, 2003 3727 U. S. PATENT DOCUMENTS **EXAMINER** FILING DATE IF INITIAL **DOCUMENT** DATE NAME **CLASS SUBCLASS APPROPRIATE** NUMBER 4,749,108 Dornsbusch et al. 6/1988 4,756,440 Gartner 7/1988 4/760,937 8/1988 Evezich 4/779,766 10/1988 Kinsley 4,782,975 11/1988 Coy 4,785,978 11/1988 Kano et al. 4,795,063 1/1989 Sekiguchi et al. 4,796,774 Nabinger 1/1989 4,801,027 1/1989 Hunter 4,815,616 3/1989 Silvenis 4,823,967 4/1989 Thompson FOREIGN PATENT DOCUMENTS Translation DOCUMENT DATE COUNTRY **CLASS SUBCLASS** YES NO NUMBER OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

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CUSTOMER NO.: 27623 Sheet <u>18</u> of <u>25</u>. **FORM PTO-1449** Docket Number (Optional) **Application Number** 460.1882USO3 10/674,284 INFORMATION DISCLOSURE CITATION Applicant IN AN APPLICATION Lieberman et al. Filing Date Group Art Unit (Use several sheets if necessary) September 29, 2003 3727 **U. S. PATENT DOCUMENTS EXAMINER** FILING DATE IF INITIAL **DOCUMENT** DATE NAME CLASS **SUBCLASS** APPROPRIATE NUMBER 4,828,126 5/1989 Vincinguerra 4,828,141 5/1989 Coy 4,836,404 6/1989 Coy 4,850,496 7/1989 Rudell et al. 4,865,207 9/1989 Joyner et al. 4,909,416 3/1990 Evezich 4,921,112 5/1990 Juhlin et al. 4,928,861 5/1990 Schiemann 4,941,598 7/1990 Lambelet, Jr. et al. 4,946,062 8/1990 Coy 4,953,737 9/1990 Meyers FOREIGN PATENT DOCUMENTS Translation DOCUMENT DATE COUNTRY **CLASS** SUBCLASS YES NO NUMBER OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.) **EXAMINER** DATE CONSIDERED

Sheet 19 of 25

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	4,961,510	10/1990	Dvoracek		-			
	4,987,740	1/1991	Coleman					
	4,991,745	2/1991	Brown					
	4,993,568		Morifuji et a	ıl.				
	4,993,569	2/1991	Osip et al.					
,	5,005,737	4/1991	Rohr					
	5,033,647	7/1991	Smith et al.					
	5,033,655	7/1991	Brown					
	5,035,340	7/1991	Timmons					
	5,040,756	8/1991	Cava					
	5,050,758	9/1991	Freeman et a	ıl.				
	5,060,811 10/1991 Fox							
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**CUSTOMER NO.: 27623** Sheet \_20\_ of \_25\_. FORM PTO-1449 Docket Number (Optional) **Application Number** 460.1882USQ3 10/674,284 INFORMATION DISCLOSURE CITATION Applicant IN AN APPLICATION Lieberman et al. Filing Date **Group Art Unit** (Use several sheets if necessary) September 29, 2003 3727 **U. S. PATENT DOCUMENTS EXAMINER** FILING DATE IF INITIAL DOCUMENT DATE NAME CLASS **SUBCLASS APPROPRIATE** NUMBER 5,071,017 12/1991 Stull 5,072,842 White 12/1991 5,079,013 1/1992 Belanger 5,099,998 3/1992 Curzon et al. 5,100,930 3/1992 Fukui et al. 5,101,991 4/1992 Morifuji et al. 5,105,976 4/1992 Patterson 5,115,950 5/1992 Rohr 5,140,053 8/1992 Yamamoto et al. 5,147,066 9/1992 Snider 5,150,800 9/1992 Sarter et al. FOREIGN PATENT DOCUMENTS Translation DOCUMENT DATE COUNTRY **CLASS SUBCLASS** YES NO NUMBER OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

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CUSTOMER NO.: 27623 Sheet 21 of 25. **FORM PTO-1449** Docket Number (Optional) **Application Number** 460.1882USQ3 10/674,284 INFORMATION DISCLOSURE CITATION Applicant IN AN APPLICATION Lieberman et al. Filing Date Group Art Unit (Use several sheets if necessary) September 29, 2003 3727 U. S. PATENT DOCUMENTS **EXAMINER** FILING DATE IF INITIAL DOCUMENT DATE NAME **CLASS SUBCLASS APPROPRIATE NUMBER** 5,186,347 2/1993 Freeman et al. 220 714 5,203,470 4/1993 Brown 5,211,298 5/1993 Bloch 5,213,236 5/1993 Brown et al. 5,271,531 Rohr 5,275,312 1/1994 Labruzzo 5,295,597 3/1994 Green 5,339,995 Brown et al. 8/1994 5,346,107 9/1994 Bouix et al. 5,363,983 11/1994 | Proshan 5,366,109 Proshan 11/1994 5,377,877 1/1995 Brown et al. FOREIGN PATENT DOCUMENTS Translation DOCUMENT DATE COUNTRY CLASS **SUBCLASS** YES NO NUMBER OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

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CUSTOMER NO.: 27623 Sheet 22 of 25. **FORM PTO-1449** Docket Number (Optional) **Application Number** 460.1882USQ3 10/674,284 INFORMATION DISCLOSURE CITATION Applicant IN AN APPLICATION Lieberman et al. Filing Date Group Art Unit (Use several sheets if necessary) September 29, 2003 3727 **U. S. PATENT DOCUMENTS EXAMINER FILING DATE IF** INITIAL **DOCUMENT** DATE NAME **CLASS SUBCLASS APPROPRIATE** NUMBER 5,431,290 7/1995 Vinciguerra 5,433,338 7/1995 Proshan 5,433,353 7/1995 Flinn 5,439,125 8/1995 Bloch 5,439,143 8/1995 Brown et al. 5,472,122 12/1995 Appleby 5,474,028 12/1995 Larson et al. 5,477,980 12/1995 Chaffin 5,477,994 12/1995 Feer et al. 5,490,144 2/1996 Tran et al. 5,542,670 8/1996 Morano FOREIGN PATENT DOCUMENTS Translation DOCUMENT DATE COUNTRY **CLASS SUBCLASS** YES NO NUMBER OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

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CUSTOMER NO.: 27623 Sheet <u>23</u> of <u>25</u>. FORM PTO-1449 Docket Number (Optional) **Application Number** 460.1882USQ3 10/674,284 **INFORMATION DISCLOSURE CITATION** Applicant IN AN APPLICATION Lieberman et al. Filing Date Group Art Unit (Use several sheets if necessary) September 29, 2003 3727 U. S. PATENT DOCUMENTS **EXAMINER** FILING DATE IF INITIAL **DOCUMENT** DATE NAME **CLASS SUBCLASS APPROPRIATE** NUMBER 5,553,726 Park 9/1996 5,607,073 3/1997 Forrer 5,615,809 4/1997 Feer et al. 5,676,289 Gross et al. 10/1997 5,680,969 10/1997 Gross 5,702,025 Di Gregorio 12/1997 5,706,973 1/1998 Robbins III, et al. 220 714 5,890,619 Belanger 5,890,620 4/1999 Belcastro 5,890,621 4/1999 Bachman et al. 5,988,425 Yehl et al. 11/1999 220 714

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CUSTOMER NO.: 27623 Sheet <u>24</u> of <u>25</u>. FORM PTO-1449 Docket Number (Optional) **Application Number** 460.1882USO3 10/674,284 INFORMATION DISCLOSURE CITATION Applicant IN AN APPLICATION Lieberman et al. Filing Date Group Art Unit (Use several sheets if necessary) September 29, 2003 3727 U. S. PATENT DOCUMENTS **EXAMINER** FILING DATE IF INITIAL DOCUMENT DATE NAME CLASS **SUBCLASS APPROPRIATE** NUMBER 6,102,245 8/2000 Haberman 220 714 6,116,457 9/2000 Haberman 220 714 6,422,415 Manganiello 6,568,557 Fusco D216,730 3/1970 Carslaw D233,972 12/1974 Juhlin D247,541 3/1978 Barger D247,840 5/1978 Dixson D259,231 5/1981 Kozlow, Sr. D279,752 7/1985 Jagger D291,659 9/1987 Powell FOREIGN PATENT DOCUMENTS Translation DOCUMENT DATE COUNTRY **CLASS SUBCLASS** YES NO NUMBER OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

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CUSTOMER NO.: 27623 Sheet <u>25</u> of <u>25</u>. **FORM PTO-1449** Docket Number (Optional) Application Number 460.1882USQ3 10/674,284 INFORMATION DISCLOSURE CITATION Applicant IN AN APPLICATION Lieberman et al. Filing Date Group Art Unit (Use several sheets if necessary) September 29, 2003 3727 U. S. PATENT DOCUMENTS **EXAMINER FILING DATE IF** INITIAL **DOCUMENT** DATE NAME **CLASS SUBCLASS** APPROPRIATE NUMBER D298,717 11/1988 Nichols et al. D359,417 6/1995 Chen RE37,016 1/2001 Morano 220 714 FOREIGN PATENT DOCUMENTS Translation **DOCUMENT** DATE COUNTRY SUBCLASS **CLASS** YES NO NUMBER OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

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